MAGMATIC

MAGMA FOG 1500 IP
User Manual

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DOCUMENT VERSION

Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check www.elationlighting.com for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Software Version	DMX Channel Mode	Notes
07/11/22	1.0	1.0	1 / 2 / 4	Initial Version
04/10/23	1.1	N/C	No Change	Updated Safety Guidelines, Installation, Dimensional Drawings
05/17/23	1.2	N/C	No Change	Updated Specifications, Dimensional Drawings
08/18/25	1.3	N/C	No Change	Update cautions

CONTENTS

GENERAL INFORMATION

INTRODUCTION

Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important safety and use information.

This product is intended to be used by professionally trained personnel only and is not suitable for private use.

UNPACKING

Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device have arrived intact. In the event that damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device to your dealer without first contacting customer support. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

BOX CONTENTS

Power Cable (x1)

CUSTOMER SUPPORT

Contact ELATION Service for any product related service and support needs.

Also visit forums.elationlighting.com with questions, comments, or suggestions.

ELATION SERVICE USA – Monday – Friday 8:00am to 4:30pm PST

323–582–3322 | support@elationlighting.com

ELATION SERVICE EUROPE – Monday – Friday 08:30 to 17:00 CET

+31 45 546 85 63 | support@elationlighting.eu

REPLACEMENT PARTS please visit parts.elationlighting.com

LIMITED WARRANTY

For up-to-date warranty information regarding your device, please visit Elation's warranty information page online or scan the QR codes below.

USA: https://www.elationlighting.com/warranty–information

EU: https://www.elationlighting.eu/terms_and_conditions

IP65 RATED

The International Protection (IP) rating system is commonly expressed as "**IP**" (Ingress Protection) followed by two numbers (i.e. IP65), where the numbers define the degree of protection. The first digit (Foreign Bodies Protection) indicates the extent of protection against particles entering the fixture, and the second digit (Water Protection) indicates the extent of protection against water entering the fixture. An **IP65** rated lighting fixture is designed and tested to protect against the ingress of dust (**6**), and low-pressure water jets from any direction (**5**).

NOTE: THIS FIXTURE IS INTENDED FOR TEMPORARY OUTDOOR USE ONLY!

Maritime/Coastal Environment Installations: A coastal environment is seaside adjacent, and caustic to electronics through exposure to atomized salt-water and humidity, whereas maritime is anywhere within 5-miles of a coastal environment.

NOT suitable for maritime/coastal environment installations. Installing this fixture in a maritime/coastal environment may cause corrosion and/or excessive wear to the interior and/or exterior components of the fixture. Damages and/or performance issues resulting from installation in a maritime/coastal environment will void the manufacturer's warranty, and will NOT be subject to any warranty claims and/or repairs.

Maritime installations require additional preparation, and additional service intervals may be needed given the maritime use. In general, IP ratings presuppose freshwater conditions VS maritime conditions, which are typically more "caustic" to IP fixtures (both internally and externally). A duty-cycle may also be needed when units are not in use. During times of high humidity and colder temperatures, condensation may occur internally so the fixture may require a duty-cycle to bring it up to running temperature, allowing any accumulation of moisture to be expelled via the vent valve. Recommendations can change based on installation environmental circumstances. A waterproof dome or similar device is recommended for use in permanent outdoor installations. When using a dome, refer to manufacturer recommendations for duty-cycle.

NOTE: NOT ALL FEATURES LISTED ARE AVAILABLE ON ALL FIXTURES; THE FOLLOWING INSTRUCTIONS MAY NOT APPLY. CONTACT SUPPORT FOR ADDITIONAL DETAILS.

Exterior Maintenance: Inspect the exterior every 30-days. The unit must be powered off/disconnected. The chassis should be inspected for any signs of contaminants. Inspect optics to determine if the lens is obstructed, then clean optics and chassis accordingly. Based on initial finding, schedule maintenance accordingly, keeping in mind that exterior maintenance will be required. Even if the luminaires are NOT in use, maintenance will still be needed given its location (exterior use). The use of a durable type of wax on the chassis is recommended since it will help prevent contaminant build up. Inspect both power and data lines for any signs of contaminants or corrosion. Periodically reapplying di-electric grease, especially in coastal environments. If any signs of corrosion/contaminants are present, clean thoroughly, and/or replace connectors, then reapply di-electric grease. Typically, this should be done annually, or any time an opportunity presents itself. As a preventive measure, annual replacement of both vent valves is recommended. The vent valve membrane can become contaminated and/or clogged causing improper venting of humidity within the luminaire. Inspect all mounting hardware as a precaution.

Interior Maintenance: Inspect the interior every 30-days. The unit must be powered off/disconnected.
- Inspect zoom/focus mechanism, clean optics, lubricate linear bearings (Krytox oil) as needed, inspect belts for wear
- Inspect all rotating effect wheels, manually rotate them, note any resistance
- Inspect all remaining rotating belts for any wear
- Inspect all fans, clean as needed, check rotation, check connections
- Inspect CMY module, manually move flags and check for signs of resistance, and if needed, clean guide rods first, then reapply a thin layer of grease (moly lube)
- Clean interior with low-volume compressed air, then clean optics prior to reassembly of head covers

Although the base has limited moving parts, the pan belt should also be inspected for wear. Remember to always perform an IP test anytime a cover is removed.

There is no specific time frame regarding the routine replacement of parts such as belts/stepper motors, PCBs, or LEDs. These items should only be replaced on an as needed bases, except for cooling fans, which should be replaced once the luminaries reach 10,000-hours. This is a prophylactic measure intended to keep the unit running as cool as possible, insuring proper function of all internal components. A complete service breakdown is available, please contact service@elationlighting.com for any needed parts or manuals.

SAFETY GUIDELINES

This fixture is a sophisticated piece of electronic equipment. To guarantee smooth operation, it is important to follow all instructions and guidelines in this manual. Magmatic Effects is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.

PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF. DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS DEVICE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.

DO NOT PLUG THIS UNIT INTO A DIMMER PACK
DO NOT REMOVE THE COVER UNDER ANY CONDITIONS
KEEP UNIT IN AN UPRIGHT POSITION
NEVER OPERATE THIS UNIT WITH THE COVER REMOVED
UNPLUG FROM POWER DURING LONG PERIODS OF NON-USE
ENSURE TANK IS EMPTY BEFORE STORAGE OR TRANSPORT
DO NOT MOVE WHEN FILLED WITH FLUID
DISCONNECT POWER BEFORE ADDING FLUID OR PERFORMING MAINTENANCE
DO NOT TILT THE MACHINE MORE THAN 30 DEGREES WHILE IN USE

FIXTURE IS COMPLETELY DUST TIGHT AND PROTECTED AGAINST LOW PRESSURE WATER JETS FROM ANY DIRECTION
PORTS MUST BE SEALED WHEN NOT IN USE TO MAINTAIN IP RATING!

SAFETY GUIDELINES

To provide continued protection against electric shock:

a. Have a qualified electrician install a properly grounded receptacle outlet, acceptable for outdoor use and protected from snow and rain, immediately adjacent to the location where the heater will be used.
b. Route the supply cord and locate the heater so as to be protected from damage by livestock.
c. Do not use extension cords.
d. Inspect cord before using.
e. Unplug heater at receptacle outlet when not in use or before removing from tank.
f. Store heater indoors after winter season.

CAUTION: To provide continued protection against risk of electric shock, connect to properly grounded outlets only.

WARNING: Store indoors after winter season. Inspect cord before using. Do not use extension cords. Read all instructions.

CAUTION: This is a special use cord set intended for agricultural or similar installations where precautions can be taken to reduce the risk of electric shock and fire hazard. **NOT FOR HOUSEHOLD USE**.

CAUTION: To provide continued protection against shock:

a. Connect the heater appliance and SJTW Power Cord per these instructions and those provided with the SJTW cord set.
b. Connect only to a properly grounded GFCI-protected receptacle outlet.
c. Use no more than one of the detachable power supply cord sets for installation. Do not use an extension cord if the receptacle is located such that the heater and/or detachable power supply cord set cannot be plugged in. Have a qualified electrician install a properly grounded GFCI-protected receptacle outlet, acceptable for outdoor use and protected from snow and rain, where the heater will be used.
d. Use only the detachable power supply cord set referenced in the instructions.
e. Locate the heater and route its supply cord and the detachable power supply cord set so as to be protected from damage.
f. Keep the detachable power-supply cord and heater supply cord set connection a minimum of 6 inches above ground to avoid wetting by pooling water or accumulated snow.
g. Inspect heater supply cord and the detachable power supply cord set before using. Do not use if the supply cord and/or the detachable power supply cord set is damaged.
h. Do not unplug heater from the detachable power supply cord set. Unplug the detachable power supply cord set only at receptacle outlet when not in use or before moving location of heater.
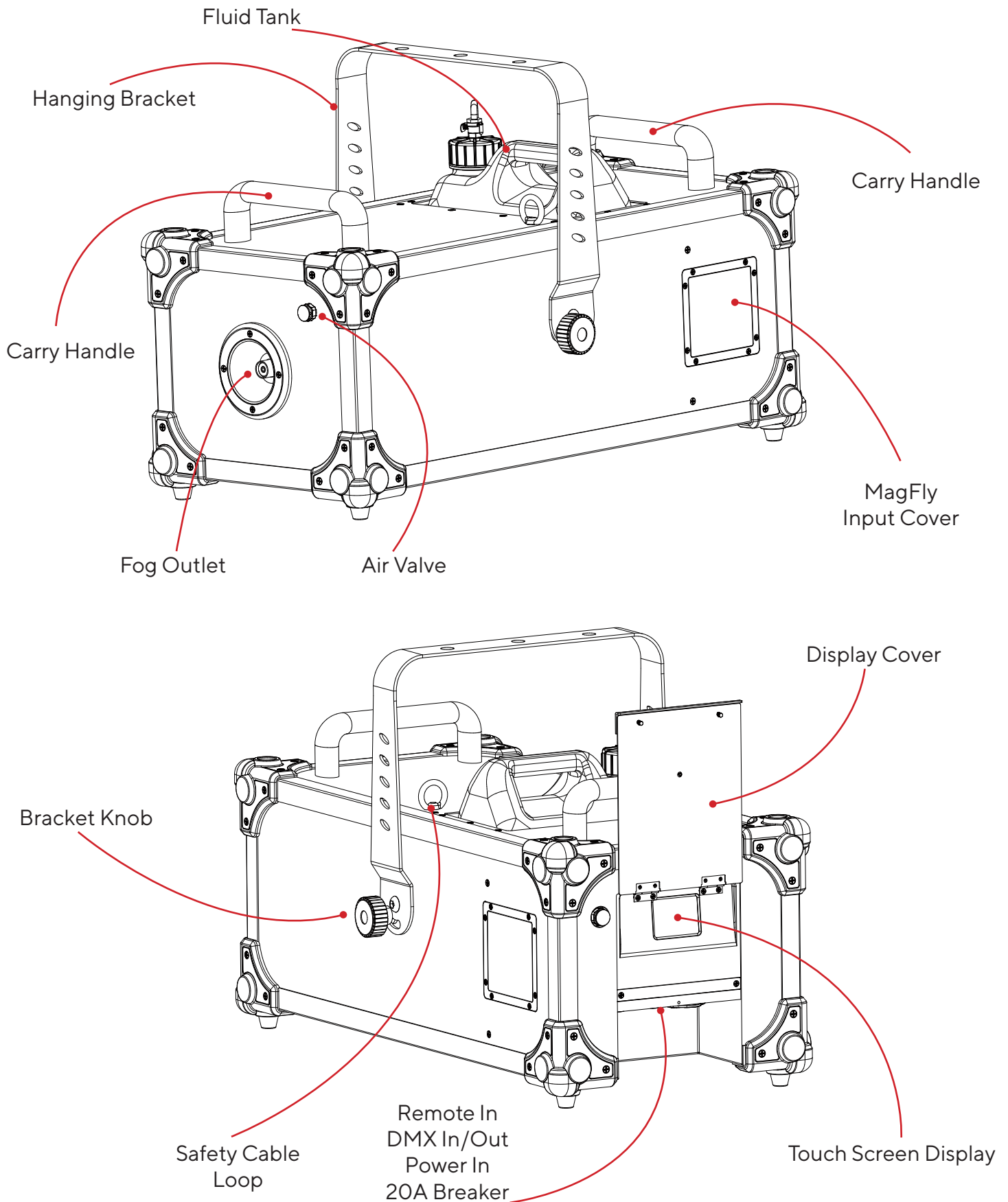i. Store the detachable power supply cord set and heating appliance indoors after the winter season.

CAUTION: Damaged or improperly used cords can result in electric shock and fire hazard. Follow these installation and use precautions.

a. This cord is not intended to be used as a substitute for permanent wiring methods.
b. It shall only be used where it can be routed such that it is protected from machinery and animals.
c. If the cord is installed in contact with the ground:
   1. It shall not be placed where exposed to foot traffic by persons (e.g., at gate openings),
   2. Where there is a risk of continuous immersion in water,
   3. Where its presence is likely to be concealed by combustible materials (e.g., loose hay), or
   4. Where machinery can roll over it.
d. If the cord or fittings are damaged or worn, do not try to repair them. Discontinue use and replace with a new cord.

SAFETY GUIDELINES

- **CAUTION: Fog machines may set off smoke alarms!**
- **Do not** attempt installation and/or operation of this device without proper knowledge of how to do so.
- **Do not** point or direct fog output in an unsafe direction.
- **Do not** touch the front nozzle while the machine is in operation, or immediately after the device has been shut down, as the nozzle will be hot during operation.
- **Do not** shake device, and avoid brute force when installing and/or operating.
- Be sure to save the packing carton in the unlikely event the device may have to be returned for service.
- Be sure that the local power outlet matches the required voltage for the device.
- **Do not** remove components or disassemble the device. There are no user-serviceable parts inside.
- Never connect this device to a dimmer pack.
- **Do not** attempt to operate this device if it has been damaged in any way.
- **Never** use this device with the cover removed.
- **Do not** attempt to operate this device if the power cord has been frayed, crimped, and/or damaged. Replace any damaged power cords with new cords of the same power rating.
- **Do not** remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- **Always** disconnect from main power before making any connection, performing cleaning or maintenance, or adding or draining fluid.
- **Always** drain fluid before moving the device.
- **Always** be sure to mount this device in an area that will allow proper ventilation.
- **Always** disconnect power cords during long periods of non-use.
- **Always** mount this unit in a safe and stable matter.
- Please route your power cord out of the way of foot traffic. Power cords should be routed so they are not likely to be walked on, or pinched by items placed upon or against them.
- The device should be serviced by qualified service personnel when: the power cords or plugs have become damaged, objects have fallen on the unit causing damage to the outer casing, or the device does not operate normally or exhibits a marked change in performance.

OVERVIEW

Fluid Tank

Hanging Bracket

Carry Handle

Carry Handle

MagFly
Input Cover

Fog Outlet

Air Valve

Display Cover

Bracket Knob

Remote In
DMX In/Out
Power In
20A Breaker

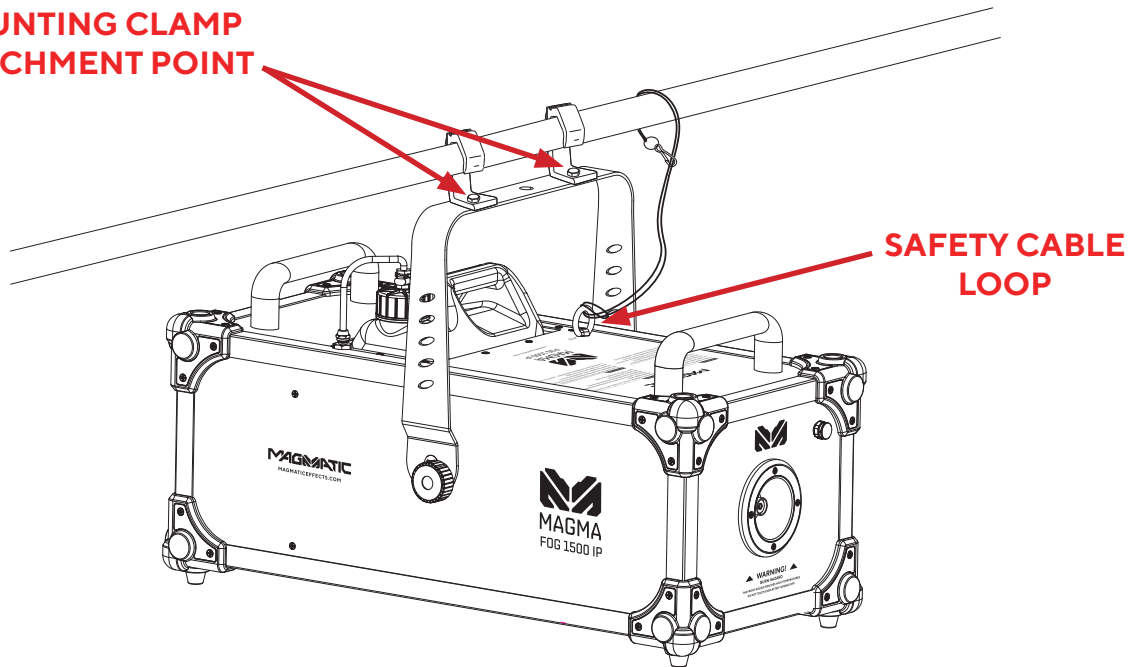Safety Cable
Loop

Touch Screen Display

INSTALLATION

CLAMP INSTALLATION

This unit features a mounting yoke with integrated clamp attachment points, as well as a safety cable loop located near the fluid tank (see the illustration below). When mounting this fixture to truss, be sure to secure appropriately rated clamps (not included) to the mounting yoke, and attach a separate **SAFETY CABLE** of the appropriate rating to the safety cable loop. Please note that at least two mounting clamps are required to securely install this device in a suspended environment.

MOUNTING CLAMP ATTACHMENT POINT

SAFETY CABLE LOOP

SAFETY CABLE

ALWAYS ATTACH A SAFETY CABLE WHEN INSTALLING THIS UNIT IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE UNIT WILL NOT FALL IN THE EVENT THAT THE CLAMP FAILS.

RIGGING

Overhead rigging requires extensive experience, including but not limited to: calculating working load limits, understanding the installation material being used, and periodic safety inspection of all installation material and the device. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.
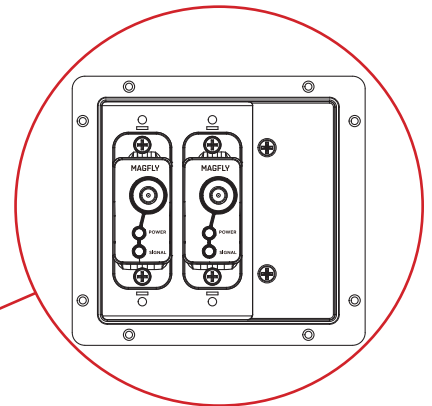
INSTALLATION

OPTIONAL MAGFLY WIRELESS CARD

The Magma Fog 1500 IP features 2 card slots for optional MagFly wireless receiving cards. These card slots are located behind the the MagFly input cover. For ordering information, see **ACCESSORIES** section on page 23.
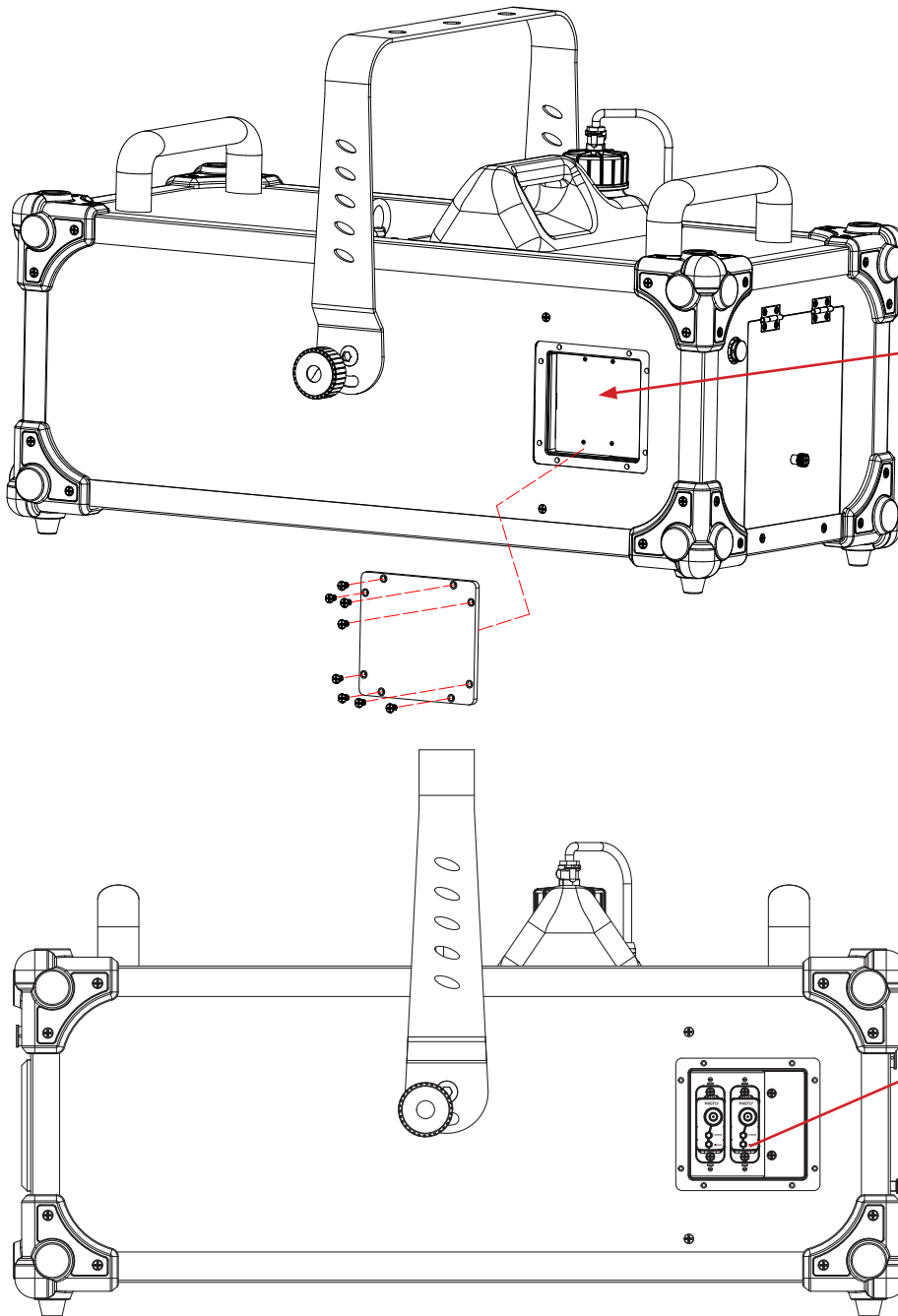
1. Locate the MagFly input cover, and remove all (8) screws with a phillips screw driver.

2. Insert up to (2) MagFly receiving cards into the card slots, and press firmly into place. Once the cards are in place, replace the input cover and re-install the screws to fasten the cover in place (see torque settings chapter for correct torque setting specs)

TORQUE SETTINGS

0TORQUE DRIVERS (Recommended): UTICA TS-30 (Shown)

TORQUE DRIVER (Alternate):
- **Proto J6107A**
- **Wiha 28887**

⚠️ **CAUTION! DO NOT OVER TORQUE SCREWS AS THIS CAN CAUSE LEAKAGE ISSUES! TO CONFIRM THE IP65 INTEGRITY AFTER DISASSEMBLY, TEST THE FIXTURE USING THE IP TESTER. CONTACT SERVICE SERVICE FOR MORE DETAILS.**

⚠️ **CAUTION! THE USE OF PROTECTIVE GLOVES AND SAFETY GOGGLES IS STRONGLY RECOMMENDED WHILE PERFORMING THE IP PRESSURE TEST! AVOID PLACING YOUR FACE, EYES, HANDS, ETC IN CLOSE PROXIMITY TO THE FIXTURE WHILE PERFORMING THIS TEST!**
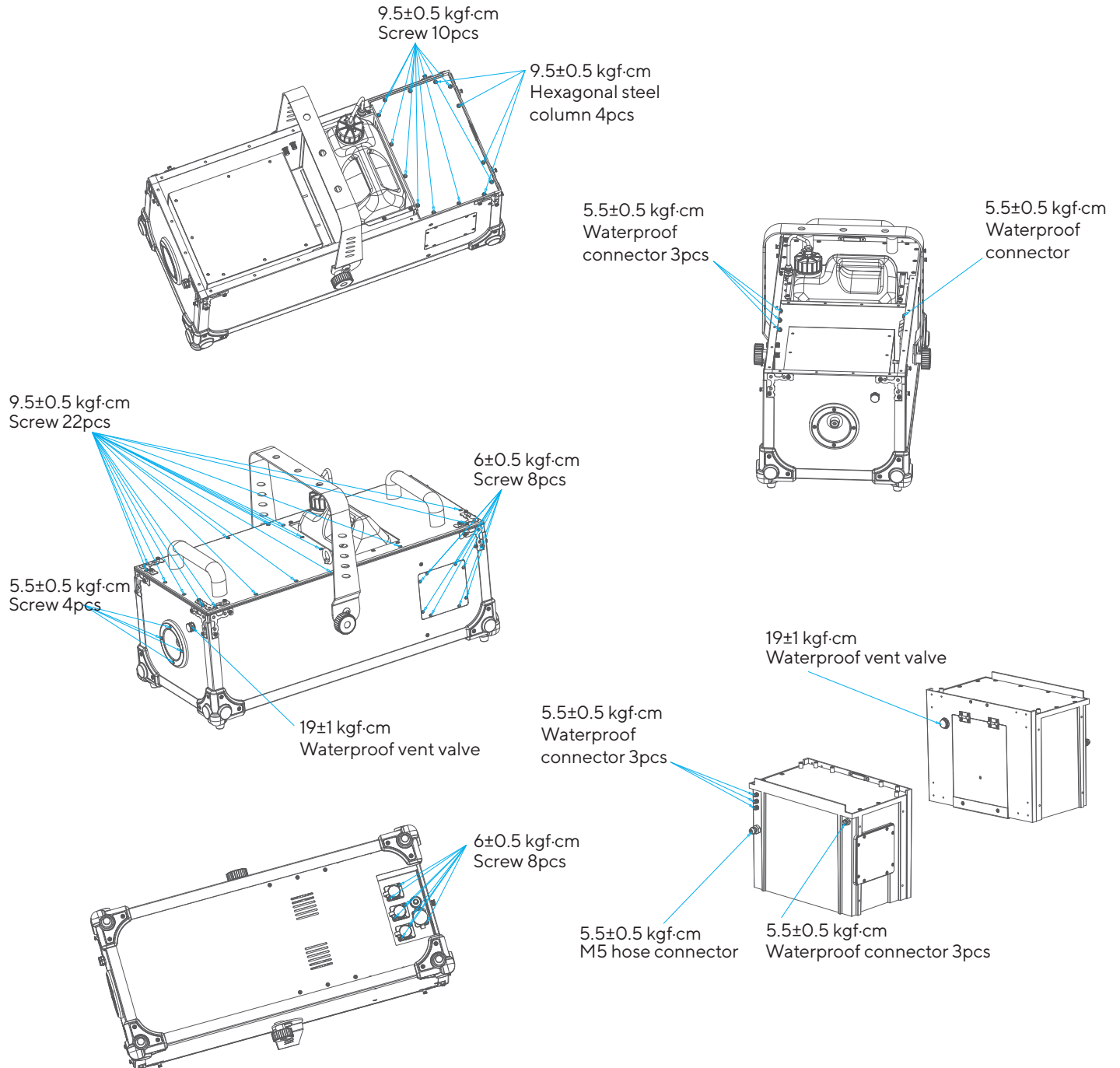

IP PRESSURE TESTING PARAMETERS		
Low Pressure Limit	**High Pressure Limit**	**Steady/Hold Time**
3.04PSI 21kPa	4.49PSI 31kPa	30 seconds

TORQUE SCREW LOCATIONS & SPECS

ALL SCREWS MUST BE TIGHTENED WITH A TORQUE DRIVER.
The drawing below indicates screw locations, quantity, and torque settings.

9.5±0.5 kgf·cm
Screw 10pcs

9.5±0.5 kgf·cm
Hexagonal steel
column 4pcs

5.5±0.5 kgf·cm
Waterproof
connector 3pcs

5.5±0.5 kgf·cm
Waterproof
connector

9.5±0.5 kgf·cm
Screw 22pcs

6±0.5 kgf·cm
Screw 8pcs

5.5±0.5 kgf·cm
Screw 4pcs

19±1 kgf·cm
Waterproof vent valve

19±1 kgf·cm
Waterproof vent valve

5.5±0.5 kgf·cm
Waterproof
connector 3pcs

6±0.5 kgf·cm
Screw 8pcs

5.5±0.5 kgf·cm
M5 hose connector
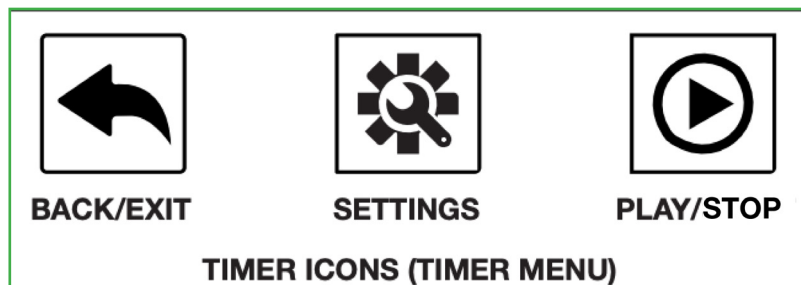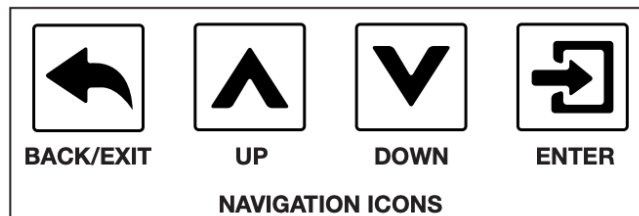
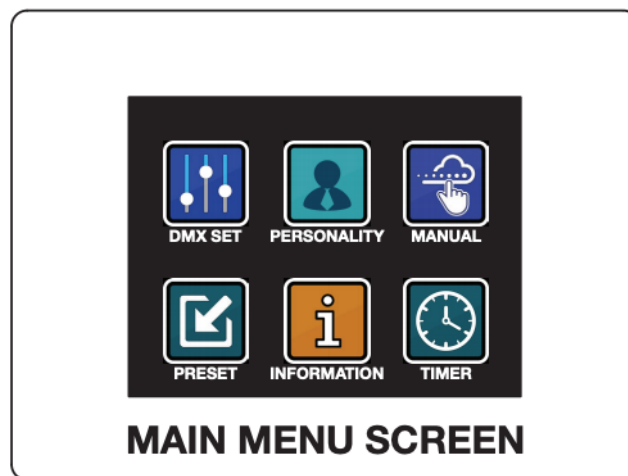5.5±0.5 kgf·cm
Waterproof connector 3pcs

SETUP

1. Open the shipping carton and carefully remove the unit.

2. Be sure to remove ALL the packing material, paying particular attention to the area around the fog outlet vent.

3. Set the unit on a flat dry surface. Unscrew the tank cap and fill the reservoir with **Atmosity Extreme Filtered Fog Fluid** (AEF-2L, AEF-4L, AEF-20L). Never run the unit on anything other than approved, **MAGMATIC** branded fluid, as doing so can result in severe damage to your device.

4. Screw the tank cap back onto the fluid tank. Be careful not to pinch, twist, or tangle the feed tube connected to the tank cap.

5. Connect the included power cable to the back of the unit (located underneath the touch-screen display) and connect the the unit to a properly rated power source. Allow the unit to warm up for at least fourteen (14) minutes before beginning fog emission.

SYSTEM MENU

This fixture includes a system menu with an easy to navigate touch screen control panel where all necessary settings and adjustments are made. When first powering on the fixture, the fixture's main menu will be displayed (**see Main Menu Screen below**).

Press the main menu icon you would like to access. Use the **ENTER** button to access sub menus and use the **UP** and **DOWN** buttons to make adjustments. Press the **ENTER** button to confirm your adjustments. You may exit the main menu at any time without making any adjustments by pressing the **BACK/EXIT** button.

MAIN MENU SCREEN

NAVIGATION ICONS

TIMER ICONS (TIMER MENU)

SYSTEM MENU

DMX SET		DMX Addr	1 – 512		DMX Addressing
		DMX Mode	1-ch		DMX Channel Mode Selection
			2-ch		
			4-ch		
PERSONALITY		MagApp Set	MagApp Name	0-XXXX	Displays MagApp Name
			MagApp Passcode	00000000 – 00009999	MagApp Password
			MagApp IP	0-255.0	Display IP Address
			MagApp Port	0-65535	Network Port
			MagApp Reset	Complete	Network connection reset
				Failed, try again	
			MagApp -> DMX & Magfly	On/Off	Magfly Transmit On
		LCD Set	Screen OFF: Never/10s/40s/1min/2min/5min/10min/20min		Display Blackout Time
		Magfly Set	Magfly Channel 0-14		Magfly Channel Setting
			Magfly: On/Off		Magfly Activation
		No Fluid	On/Off		Activate/Deactivate No Fluid Warning
		MagRF Learn	Will notify whether MagRF connection is successful after 20s		
		Last State	Yes/No		Activate/Deactivate last state
		Default	Press "ENTER"		Restore Factory Settings
MANUAL		Fog	1%-100 (Output is continuous at 20% or lower)		Manual Control
TIMER		Fog	1%-100% (Output is continuous at 20% or lower)		Fog Output
		Duration	0-250s		Duration Setting
		Interval	0-2500s		Interval Setting
continued on next page					

SYSTEM MENU

	PRESET	Preset 1: 10s Duration, Fog 100%, 4s Interval		Preset Setting 1 (not adjustable)
		Preset 2: 30s Duration, Fog 80%, 10s Interval		Preset Setting 2 (not adjustable)
		Preset 3: 60s Duration, Fog 60%, 30s Interval		Preset Setting 3 (not adjustable)
		Preset 4: 150s Duration, Fog 40%, 120s Interval		Preset Setting 4 (not adjustable)
		Preset 5: 200s Duration, Fog 30%, 200s Interval		Preset Setting 4 (not adjustable)
	INFORMATION	State	Normal / Error	Machine Status
		Slot 1	Null / MagFly / MagApp / MagRF	Slot 1 Status
		Slot 2	Null / MagFly / MagApp / MagRF	Slot 2 Status
		Last Control	LCD_auto/LCD_manual/DMX/ MagApp/MagRF/MagRemote/Error	Current Control Status
		MagRemote State	YES/NO	Remote Control Status
		MagApp Connect	Null/Phone/Route/No	Wifi Connection Status
		MagApp IP	NO / 0~255,0~255,0~255,0~255	Current Wifi IP Status
		MagFly CH.	0-14	Current Magfly Channel Setting
		DMX Addr.	1-512	Current DMX Address
		DMX Mode	1 or 2 or 4	Current DMX Ch. Mode
		Timer Output	0% ~100%	Current Timer Output
		Timer Int.	0-2500s	Current Timer Interval
		Timer Dur.	0-250s	Current Timer Duration
		Heating	0%~100%	Heater Progress
		No Fluid	Normal / Empty	Current Fluid Status
		Heater State	Normal / Error/No Heat	Current Heater Status
		LCD Ver.	VX.X	Display Version
		Sftwr Ver.	VX.X	Software Version

MESSAGE ICONS

Icon	Description
MagFly ▮▮▮▮	Icon appears when MagFly module is connected. 4-bar symbol on the right indicates signal strength, with 0 bars being weakest and 4 bars being strongest.
MagApp ▮▮▮▮	Icon appears when MagApp module is connected. 4-bar symbol on the right indicates signal strength, with 0 bars being weakest and 4 bars being strongest.
MagRF ((•))	Icon appears when MagRF module is connected. Note that the icon will only appear if an RF signal exists.
MagRemote	Icon appears when MagRemote is connected.
NO FLUID	Icon indicates that the fluid tank is empty, and disappears when fluid is added to the tank.

DMX CHANNEL FUNCTIONS & VALUES

MAGMATIC MAGMA FOG 1500 IP: DMX TRAITS				
1-CH	**2-CH**	**4-CH**	**VALUES**	**FUNCTION**
				FOG
	1	1	000-005	OFF
			006-255	ON
				VOLUME
1	2	2	0-255	1%-100% (Output is continuous at 20% or lower)
				DURATION
		3	000-005	0s
			006-255	1s-250s
				INTERVAL
		4	000-005	0s
			006-255	10S-2500s

REMOTE DEVICE MANAGEMENT (RDM)

NOTE: In order for RDM to work properly, RDM enabled equipment must be used throughout the entire system, including DMX data splitters and wireless systems.

Remote Device Management (RDM) is a protocol that sits on top of the DMX512 data standard for lighting, and allows the DMX systems of the fixtures to be modified and monitored remotely. This protocol is ideal for instances in which a unit is installed in a location that is not easily accessible.

With RDM, the DMX512 system becomes bi-directional, allowing a compatible RDM enabled controller to send out a signal to devices on the wire, as well as allowing the fixture to respond (known as a GET command). The controller can then use its SET command to modify settings that would typically have to be changed or viewed directly via the unit's display screen, including the DMX Address, DMX Channel Mode, and Temperature Sensors.

FIXTURE RDM INFORMATION:

| Device Model ID	RDM Code	Personality ID
1110	22A6H	1 (1) 2 (2) 4 (3)

Please be aware that **not all RDM devices support all RDM features,** and therefore it is important to check beforehand to ensure that the equipment that you are considering includes all of the features that you require.

The following parameters are accessible in RDM on this device:

[0x1000] IDENTIFY_DEVICE
[0x00F0] DMX_START_ADDRESS
[0x00C0] SOFTWARE_VERSION_LABEL
[0x0060] DEVICE_INFO
[0x0080] DEVICE_MODEL_DESCRIPTION
[0x0081] MANUFACTURER_LABEL
[0x0082] DEVICE_LABEL
[0x0050] SUPPORTED_PARAMETERS
[0x00E1] DMX_PERSONALITY_DESCRIPTION
[0x00E0] DMX_PERSONALITY
[0x0200] SENSOR_DEFINITION
[0x0201] SENSOR_VALUE

DIMENSIONAL DRAWINGS

648mm [25.5in.]

298mm [11.7in.]

337mm [13.3in.]

411mm [16.2in.]

313mm [12.3in.]

267mm [10.5in.]
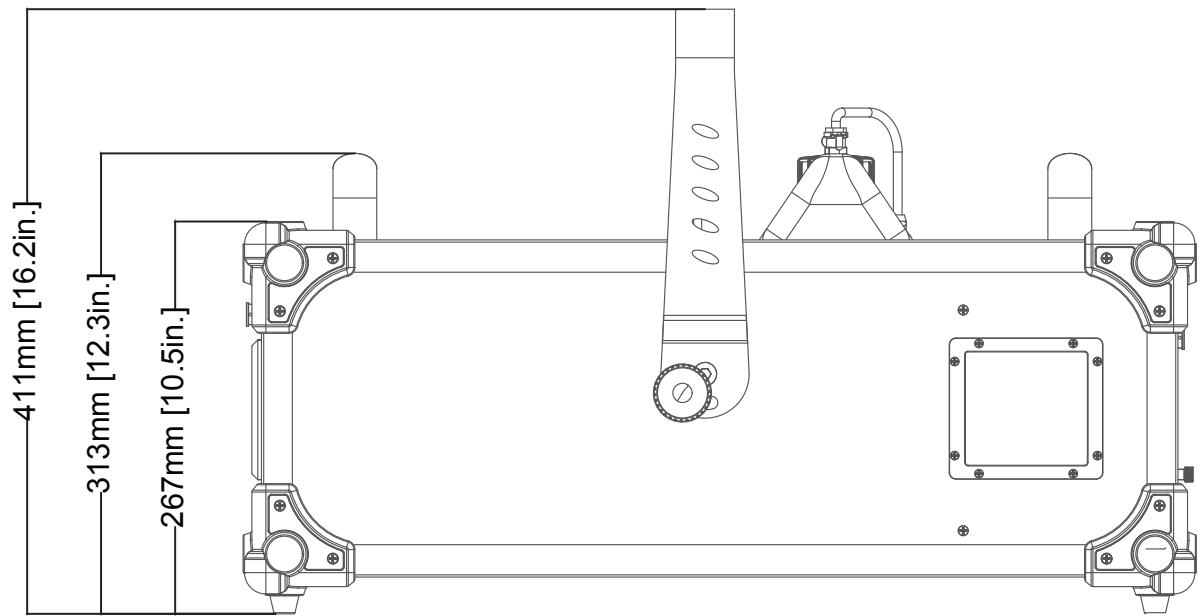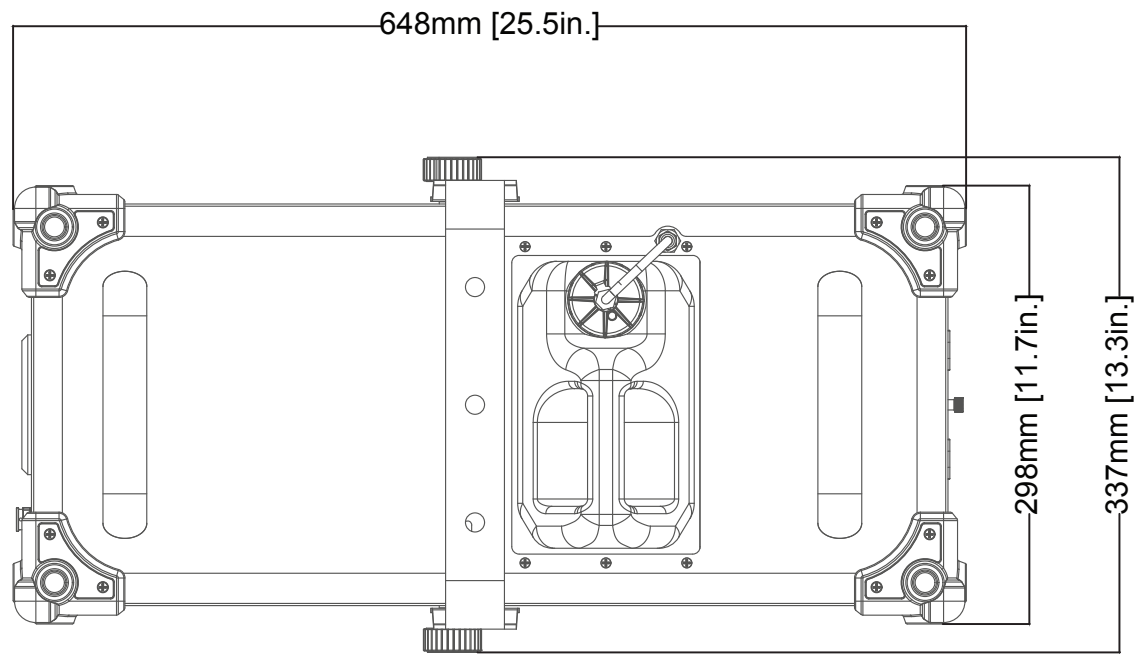
TROUBLE SHOOTING

If you experience low output, pump noise, or no output at all, disconnect the device and discontinue use immediately. Do not attempt to continue operation as this may damage the machine. Check the fluid level, the breaker, and the wall outlet to make sure that it is sending power. If all the above factors do not appear to be causing the issue, and the unit still fails to operate correctly, the unit will require service. **Please contact Magmatic Effects for assistance (contact information on page 4)**.

CLEANING & MAINTENANCE

When storing your device, be sure to store in a cool area. Cover the device so that dust does not build up on the device. When storing for long periods of time it is highly advisable to run the device at least once every 3-4 months. Long periods of inactivity can severely shorten the life of your device. **Only run Magmatic's Atmosity Extreme Filtered fog fluid through your machine.** Never run plain water, vinegar, or any other liquid solution through your device, as doing so will severely damage your device.

SPECIFICATIONS

PERFORMANCE
Rated Power: 1500W
Max Output: 60,000 CFM* (cu ft/min.)
Ready Time: Initial = 14 Minutes*
Fluid Capacity: 1.32 gallons (5 liters)
Fluid Consumption: 6.76 oz/min (200 ml/min)
*approximate

COMPATIBLE FLUID
Atmosity Extreme Filtered Fog Fluid (AEF-2L, AEF-4L, AEF-20L)

CONSTRUCTION
Thermally Protected Heat Exchanger
Rugged Case Design
Convenient Carry Handles

CONTROL
3 DMX Channel Modes (1 / 2 / 4)
Onboard LCD Touch Control Panel
DMX-512 and RDM Protocol Support
Optional MAGFLY Wireless DMX Transceiver
Optional MAGRF Wireless and MAGREMOTE Wired Remotes

CONNECTIONS
Locking 5pin XLR Connector, DMX In/Out
IP65 Locking Power Connector In
With Wired Digital Communication Network

SIZE / WEIGHT
Length: 25.5 in. (648mm)
Width: 13.3 in. (337mm)
Height: 16.2 in. (411mm)
Weight: 61.3 lbs. (27.8kg)

ELECTRICAL
AC120V 60Hz (US Version)
AC230V 50Hz (EU Version)
20A @ 120VAC(NFB)
10A @ 230VAC - 240VAC
Max Power Consumption: 1600W

THERMAL
Maximum Ambient Temperature (Ta max) 104°F (40°C)
Exterior Surface Temperature, Steady State: 149°F (65°C)

ACCESSORIES
MagFLY (MSR934) Wireless DMX Transceiver Module
MagRF (MSR912) RF Module and Wireless Remote

APPROVALS / RATINGS
CE | IP65

Specifications are subject to change without notice.